

Anatomy: **Vascular & Flow**

- Exams

Sub-Anatomy: **MRV Brain W/O (34)**

- Routine

Coil: **Head Matrix**

SEQUENCE – BASICS				VARIABLE PARAMETERS														
PLANE	SEQ	Slice / Gap (mm)	Misc / Comment	MTX	FOV (cm)	% RFOV	Scan %	Pixel size (mm)	TR	TE	FA/TI	Nex Avg Acq	NS	ETL Turbo Factor	Phase Encode	Scan TIME (min)	Pixel Shift BW-kHz	
ROUTINE																		
SAG	3D InHance Velocity (non-contrast MRA)	1.5/0	(If available) Slight oblique angle		22													
COR	2D TOF MRV	1.5/0	Scan slices A -> P		22													
↓ OPTIONAL ↓																		
SAG	2D TOF MRV	1.5/0	Slight oblique angle		22													

ORDERABLE: MRV HEAD WO CONTRAST.

TIPS: (MRVenogram without contrast protocol.)

If mass involves anterior aspect of sag sinus, then this area needs to be included.

If available, perform the equivalent of GE's 3D Velocity InHance in the Sagittal orientation (1st sequence). Use enough slices to provide a slice of air beyond each ear (left-right). Do NOT MIP OUT C.O.W. – please MIP perimeter of the brain only. Rotate (Left/Right), but do not Tumble (Head/Foot).